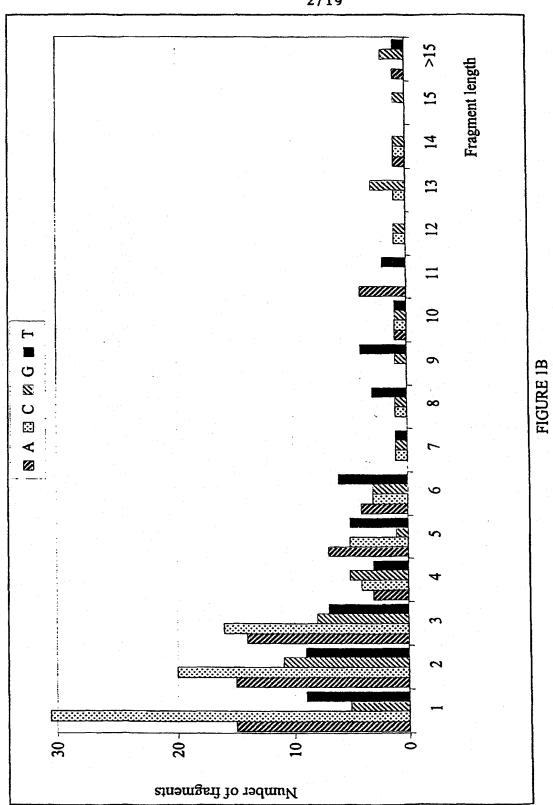


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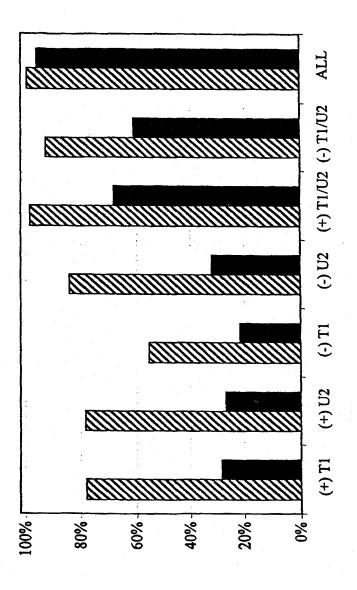


FIGURE 2

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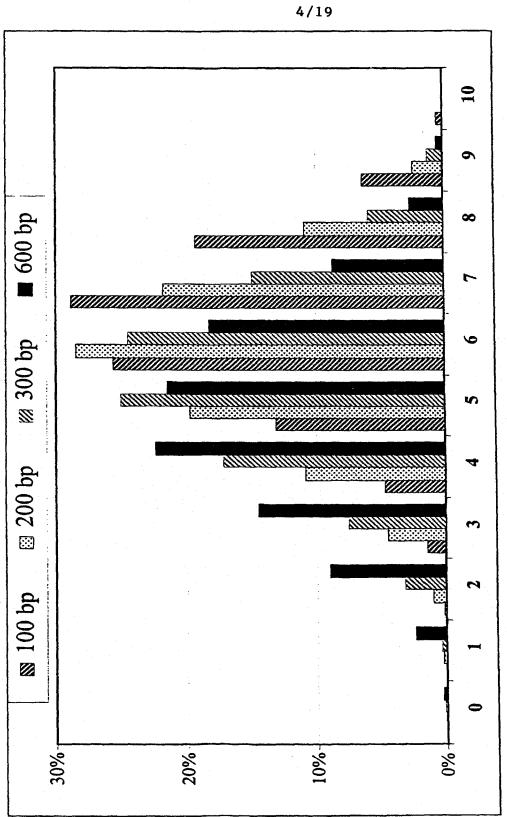


FIGURE 3

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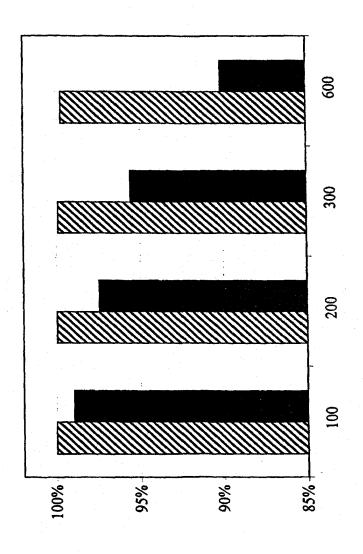
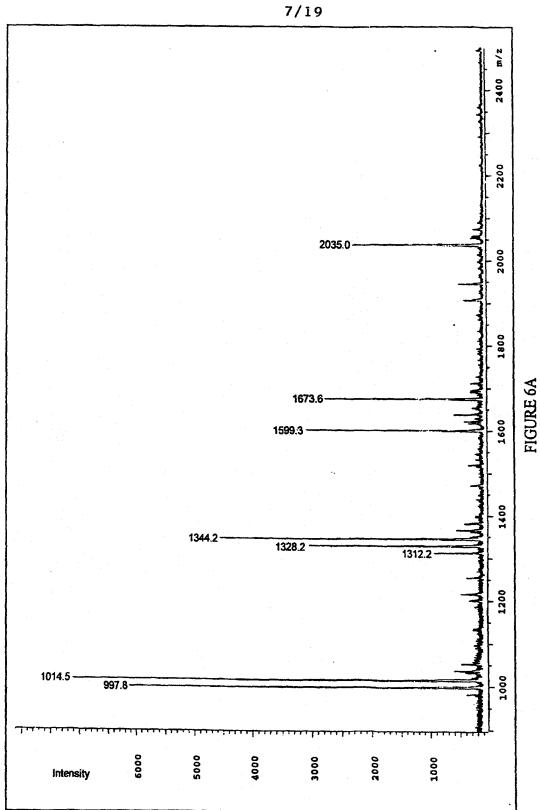


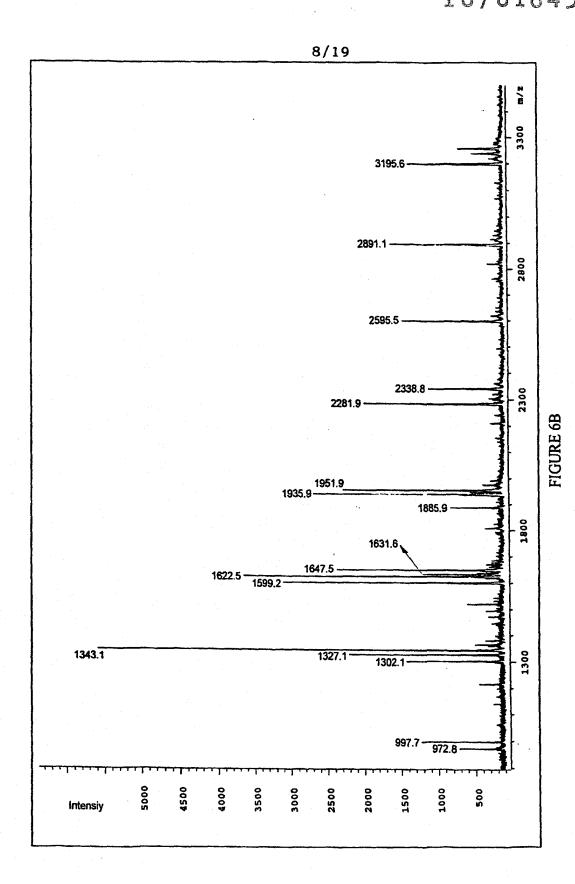
FIGURE 4

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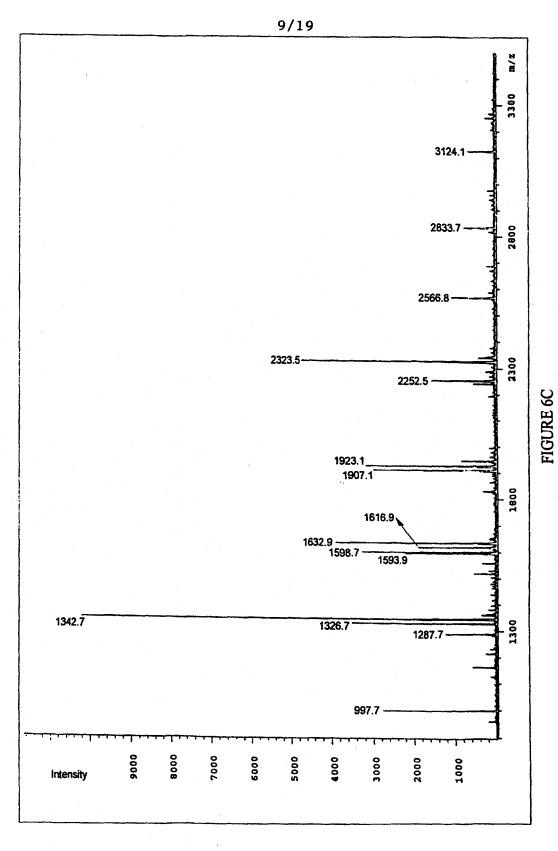
		GTAAAACGAC	GTAAAACGAC GGCCAGTGAA TTGTAATACG ACTCACTATA	TTGTAATACG	ACTCACTATA	(SEO ID NO.	2	ċ
	^	·						
	GGGCGAATTC	GGGCGAATTC GAGCTCGGTA CCCGGGGATC CTCTAGAGTC GACCTGCAGG	CCCGGGGATC	CTCTAGAGTC	GACCTGCAGG			
	CATGCAAGCT	CATGCAAGCT TGAGTATTCT	ATAGTGTCAC	CTAAATAGCT	ATAGTGTCAC CTAAATAGCT TGGCGTAATC	100		
	ATGGTCATAG	ATGGTCATAG CTGTTTCCTG TGTGAAATTG	TGTGAAATTG		TTATCCGCTC ACAATTCCAC	_		
	ACAACATACG	ACAACATACG AGCCGGAAGC ATAAAGTGTA AAGCCTGGGG TGCCTAATGA	ATAAAGTGTA	AAGCCTGGGG	TGCCTAATGA			
	GTGAGCTAAC	GIGAGCIAAC ICACAITAAI IGCGIIGCGC ICACIGCCCG CITICCAGIC	TGCGTTGCGC	TCACTGCCCG	CTTTCCAGTC			
	GGGAAACCTG	GGGAAACCTG TCGTGCCAGC TGCATTAATG AATCGGCCAA CGCGGGGGA	TGCATTAATG	AATCGGCCAA	CGCGCGGGGA	300		
	GAGGCGGTTT	GCGTATTGGG	GCGTATTGGG CGCTCTTCCG CTTCCTCGCT CACTGACTCG	CITCCICGCI	CACTGACTCG			
	CTGCGCTCGG	CTGCGCTCGG TCGTTCGGCT GCGGCGAGCG GTATCAGCTC ACTCAAAGGC	GCGGCGAGCG	GTATCAGCTC	ACTCAAAGGC	400		
	GGTAATACGG	GGTAATACGG TTATCCACAG AATCAGGGGA TAACGCAGGA AAGAACATGT	AATCAGGGGA	TAACGCAGGA	AAGAACATGT			
	GAGCAAAAGG	CCAGCAAAAG	CCAGCAAAAG GCCAGGAACC GTAAAAAGGC CGCGTTGCTG	GTAAAAAGGC	CGCGTTGCTG	200		
	GCGTTTTTCC	GCGTTTTTCC ATAGGCTCCG CCCCCTGAC GAGCATCACA AAAATCGACG	CCCCCTGAC	GAGCATCACA	AAAATCGACG			
	CTCAAGTCAG	CTCAAGTCAG AGGTGGCGAA ACCCGACAGG ACTATAAAGA TACCAGGCGT	ACCCGACAGG	ACTATAAAGA	TACCAGGCGT	009		
	Treceeres	TICCCCCIGG AAGCICCCIC GIGCGCICIC CIGITCCGAC CCIGCCGCII	Grececrere	CTGTTCCGAC	CCTGCCGCTT			
-	ACCGGATACC	TGICCGCCII	TCTCCCTTCG GGAAGCGTGG CGCTTTCTCA	GGAAGCGTGG	CGCTTTCTCA	700		
	TAGCTCACGC	TAGCTCACGC TGTAGGTATC TCAGTTCGGT GTAGGTCGTT CGCTCCAAGC	TCAGTTCGGT	GTAGGTCGTT	CGCTCCAAGC			
	TGGGCTGTGT	TGGGCTGTGT GCACGAACCC CCGTTCAGC CCGACCGCTG CGCCTTATCC	CCCGTTCAGC	CCGACCGCTG	CGCCTTATCC	800		
	GGTAACTATC		GICTIGAGIC CAACCGGIA AGACACGACI IAICGCCACI	AGACACGACT	TATCGCCACT			
	GGCAGCAGCC	GGCAGCAGCC ACTGGTAACA GGATTAGCAG AGCGAGGTAT GTAGGCGGTG	GGATTAGCAG	AGCGAGGTAT	GTAGGCGGTG	006		
_	CTACAGAGTT	CTTGAAGTGG TGGCCTAACT ACGGCTACAC TAGAAGAACA	TGGCCTAACT	ACGCCTACAC	TAGAAGAACA			
_	GTATTTGGTA	TCTGCGCTCT GC (SEQ ID NO: 3)	GC (SEQ ID	No: 3)		(972)		

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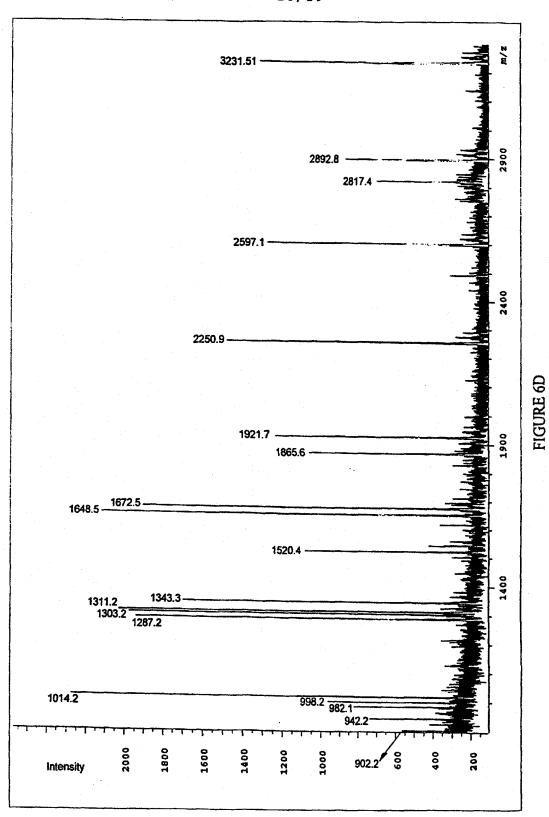








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ATACAACAAC TACGAAGGIT TIGATITCIC IGIGAGCICI CCCIACIACG AAIGGCCIAI C (SEQ ID NO: 4) TAATACGACT CACTATAGGG CGACTTCACG AAGACGGTGA AACTGTTGGA TCCAATTCTT ACCCACAAA

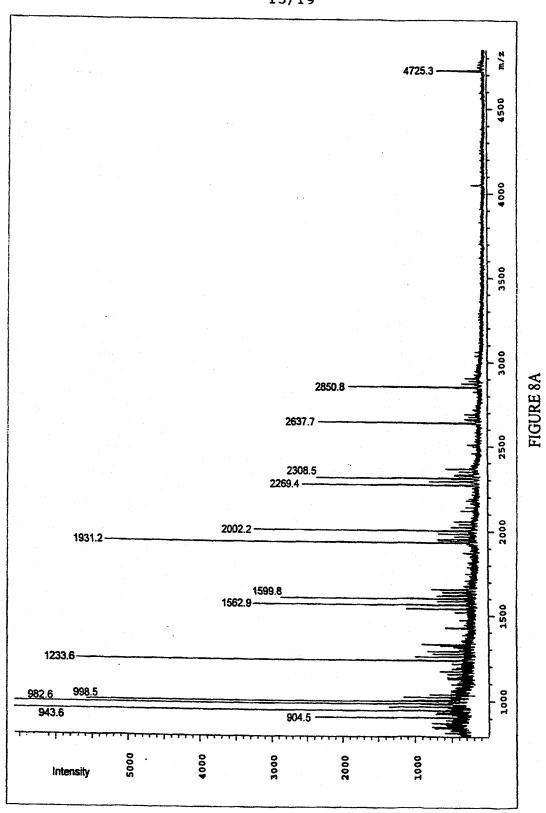
TIGIATITIGI GIGGGIAAGA ALTGGAICCA ACAGITITCAC CGICTICGIG AAGITITAIAI CCGG (SEQ ID NO: 5) TAATACGACT CACTATAGGG CGAATTCGTA GTAGGGAGAG CTCACAGAGA AATCAAAACC TTCGTAGTTG

FIGURE 7A

reference	GA.	ICC.	AAT	.TCI	TAC	 Ω	GGA. TCC. AAT. TCT. TAC. CCA. CAC. AAA. TAC. AAC. A	C.AA	A. TA	C.AA	C. A	C. TA	ည် အ	¥.G	GT. T	LL	(SEQ	A	NO:	(9
mutant #1	ES.	FCC.	AAT	ICI.	曹	22.	GGA. TCC. AAT. TCT. T開C. CCA. CAC. AAA. TAC. AAC. TAC. GAA. GGT. TTT (SEQ ID NO: 7)	A.	A.TA	C.AA	C. A.	C. TA	9 .0	Ø. 6	GT. T	II.	(SEQ	a	NO:	(7
mutant #2	SGA.	ĪĊĊ.	AAT	TCI.	TAC	 	GGA. TCC. AAT. TCT. TAC. CCA. CAC. AAA. TAC. AAG. TAC. GAA. GGT. TTT (SEQ ID NO:	C.AA	A. TA	C. AA	C.AA	ET.	£.6	A.G	ST. I	LI	(SEQ	H	NO:	8
mutant #3	SGA.	ľď.	AAT	TCI.	.TAC	2	GGA. TCC. AAT. TCT. TAC. CCA. CAC. AAA. TAC. AAC. TAC. GAM. GGT. TTT (SEQ ID NO:	AA.	A. TA	C.AA	C.AA	C. TA		Q.	3T. T	H	(SEQ	A	NO:	6
mutant #4	GA.	ICC.	AAT	. TCI	. TAC	2	GGA. TCC. AAT. TCT. TAC. CCA. CAC. AAA. TAC. AAC. TAC. GHA. GGT. TTT (SEQ ID NO: 10)	.AA	A. TA	C.AA	C.AA	C. TA	ည် က	A .G	3T . T	LL	(SEQ	U	NO:	10)
mutant #5	SGA.	icc.	AAT	TCI.	TAC	 	GGA.TCC.AAT.TCT.TAC.CCA.CAC.AAA.TAC.AAC.AA	. AA	A. TA	C. AA	C.A	AT.	.	A. G	ST. I	LI	(SEQ	A	NO:	11)
mutant #6	GA.	ľď.	AAT	TCI.	TAC	20.	GGA. TCC. AAT. TCT. TAC. CCA. CAC. WAG. TAC. AAC. TAC. GAA. GGT. TTT (SEQ ID NO: 12)	A.	J. TA	C.AA	C.AA	C. TA	5	A.G	F. T.	TI	ČES)	H	NO:	12)
mutant #7	GA.	ĬζĊ.		. TCT	TAC	 	GGA. TCC. 質質。TCT. TAC. CCA. CAC. AAA. TAC. AAC. TAC. GAA. GGT. TTT (SEQ ID NO: 13)	.AA	A. TA	C.AA	C.AA	C. TA	.	A. G	F. T	TI	(SEQ	H	NO:	13)
mutant #8	GA.	ľcc.	AAT	TCI	TAC	2	GGA. TCC. AAT. TCT. TAC. CCA. CAC. AAA. TAC. AAW. TWC. GAA. GGT. TTT (SEQ ID NO: 14)	AA.	A. TA	AA.	G.AA	F. E	Ω.Ω	A.G	H. T.	TI	(SEQ	A	 0X	14)

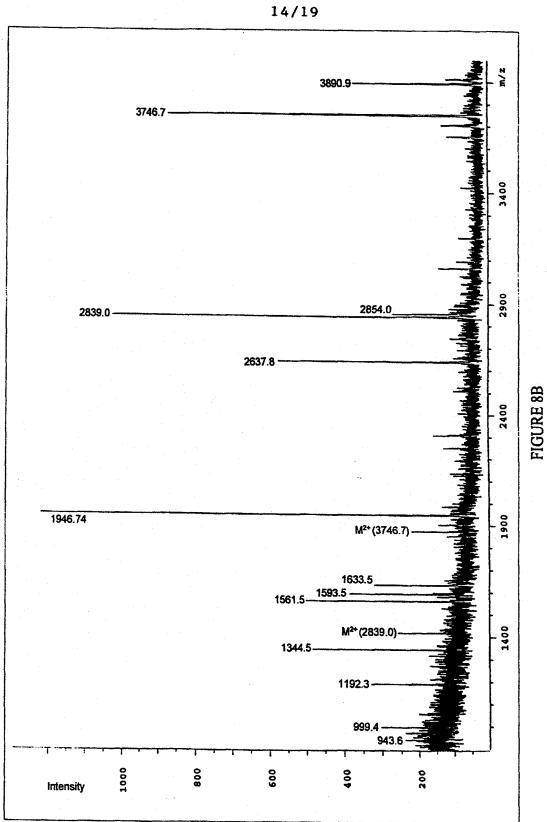
FIGURE 7B

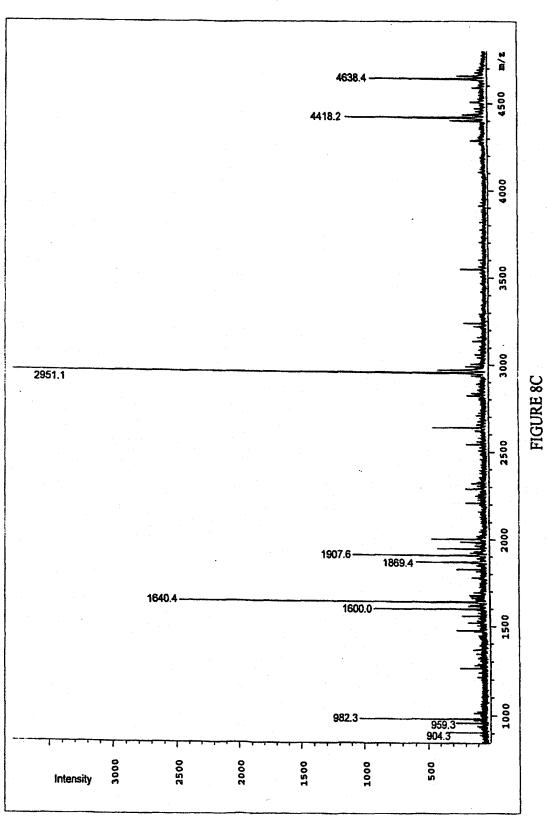
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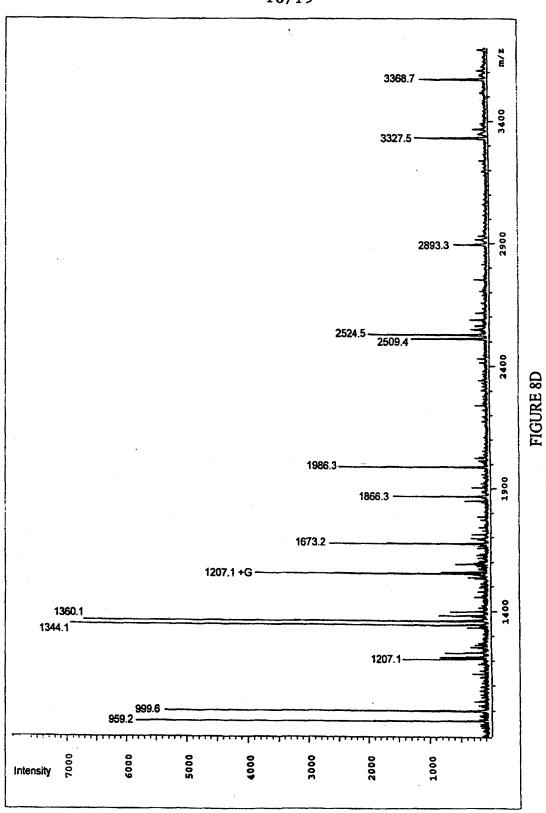




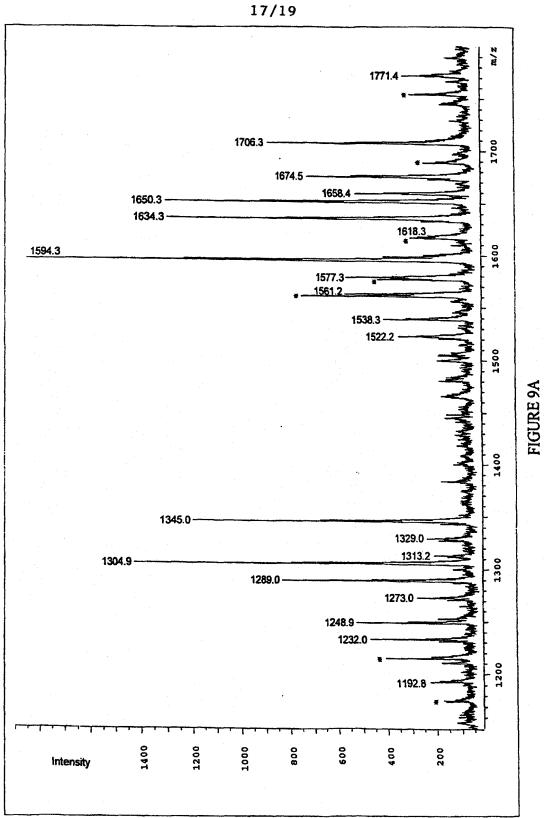


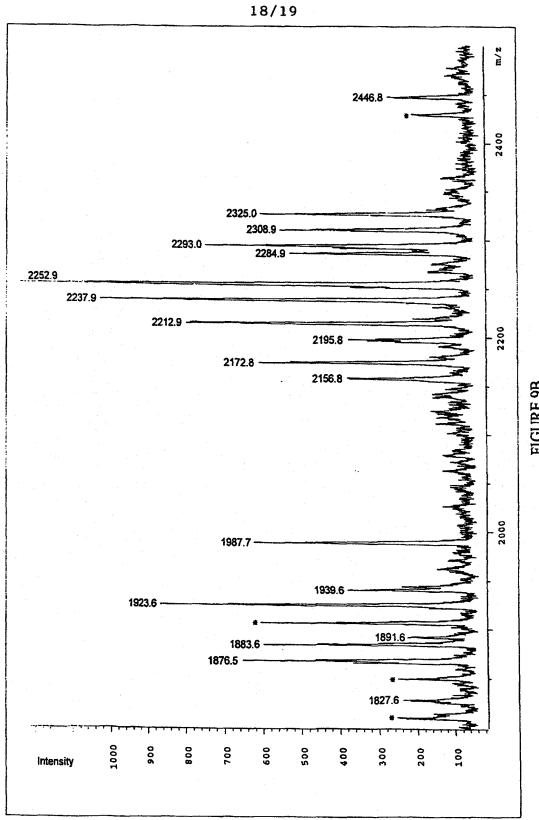
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